OIPE JC17
JAN 13 2004
PATENT & TRADEMARK OFFICE

FORM PTO-1449

THIRD SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.	APPLICATION NO.
0942.285000M/BJD/JKM	10/680,316
FIRST NAMED INVENTOR	
Hartley, *et al.*	
FILING DATE	ART UNIT
October 8, 2003	1636

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS		
WS	AT	108	Institut Pasteur Integron System Website: Introduction, figs. 1-3 and Contact Page, available at http://www.pasteur.fr/recherche/unites/pmtg/integ/intro.html (accessed June 19, 2003).

EXAMINER	DATE CONSIDERED

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	109	Lee, M.H., *et al.*, "Site-specific integration of mycobacteriophage L5: Integration-proficient vectors for *Mycobacterium smegmatis, Mycobacterium tuberculosis,* and bacille Calmette-Guérin," *Proc. Natl. Acad. Sci. USA 88*:3111-3115, National Academy of Sciences (1991).
WS	AS	109	Manning, P.A., *et al.*, "Gene Capture in *Vibrio cholerae*," *Trends In Microbiology* 7:93-95, Elsevier Science (1999).
WS	AT	109	Murayama, N., *et al.*, "Evidence for Involvement of *Escherichia coli* Genes *pmbA, csrA* and a Previously Unrecognized Gene *tldD*, in the Control of DNA Gyrase by *letD (ccdB)* of Sex Factor F," *J. Mol. Biol. 256*:483-502, Academic Press Limited (1996).

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	110	United States Application No. 09/177,387, Hartley *et al.*, filed October 23, 1998 (NOT PUBLISHED).
WS	AS	110	United States Application No. 09/438,358, Gerard *et al.*, filed November 12, 1999 (NOT PUBLISHED).
WS	AT	110	United States Application No. 09/498,074, Hartley *et al.*, filed February 4, 2000 (NOT PUBLISHED).

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	111	United States Application No. 09/517,466, Hartley *et al.*, filed March 2, 2000 (NOT PUBLISHED).
WS	AS	111	United States Application No. 09/648,790, Hartley *et al.*, filed August 28, 2000 (NOT PUBLISHED).
WS	AT	111	United States Application No. 09/695,065, Brasch *et al.*, filed October 25, 2000 (NOT PUBLISHED).

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	112	United States Application No. 09/984,239, Brasch *et al.*, filed October 29, 2001 (NOT PUBLISHED).
WS	AS	112	United States Application No. 10/396,696, Hartley *et al.*, filed March 26, 2003 (NOT PUBLISHED).
WS	AT	112	United States Application No. 10/454,793, Chesnut *et al.*, filed June 5, 2003 (NOT PUBLISHED).

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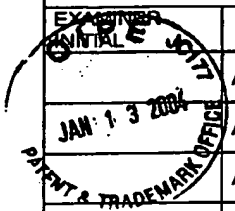

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	113	United States Application No. 10/640,422, Cheo *et al.*, filed August 14, 2003 (NOT PUBLISHED).
	AS		
	AT		

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FORM PTO-1449

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
WS	AA5	4,626,505	12/02/1986	Falco			02/24/1984
	AB5	5,093,257	03/03/1992	Gray			11/01/1989
	AC5	5,159,062	10/27/1992	Knapp *et al.*			01/19/1990
	AD5	5,286,632	02/15/1994	Jones			01/09/1991
	AE5	5,348,886	09/20/1994	Lee *et al.*			09/04/1992
	AF5	5,527,695	06/18/1996	Hodges *et al.*			01/29/1993
	AG5	5,605,793	02/25/1997	Stemmer			02/17/1994
	AH5	5,650,308	07/22/1997	Baum			06/07/1995
	AI5	5,814,300	09/29/1998	Scott *et al.*			03/03/1995
	AJ5	5,837,458	11/17/1998	Minshull *et al.*			05/20/1996
WS	AK5	5,929,307	07/27/1999	Hodges *et al.*			12/20/1996

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
WS	AM6	WO 90/11375 A1	10/04/1990	WIPO			Yes No
	AN6	EP 0 427 074	05/15/1991	Europe			Yes No
	AO6	WO 92/22650 A1	12/23/1992	WIPO			Yes No
WS	AP6	EP 0 542 466 A2	05/19/1993	Europe			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
WS	AS	80	Albert, H., *et al.* , "Site-specific integration of DNA into wild-type and mutant *lox* sites placed in the plant genome," *Plant J.* 7:649-659 Oxford Bios Scientific Publishers And Blackwell Scientific Publications In Association With The Society For Experimental Biology (April 1995).
WS	AT	80	Angelastro, J.M., *et al.*, "Identification of diverse nerve growth factor-regulated genes by serial analysis of gene expression (SAGE) profiling," *Proc. Natl. Acad. Sci. USA* 97:10424-10429, National Academy of Sciences (September 2000).

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WS	AA6	5,962,255	10/05/1999	Griffiths *et al.*			12/05/1994
	AB6	5,981,177	11/09/1999	Demirjian *et al.*			01/25/1995
	AC6	6,040,430	03/21/2000	Stewart			12/26/1995
	AD6	6,066,778	05/23/2000	Ginsburg *et al.*			11/06/1996
	AE6	6,080,576	06/27/2000	Zambrowicz *et al.*			04/08/1998
	AF6	6,143,557 B1	11/07/2000	Hartley et al			01/20/1999
	AG6	6,171,861 B1	01/09/2001	Hartley *et al.*			01/12/1998
	AH6	6,225,121	05/01/2001	Savakis *et al.*			04/27/1998
	AI6	6,262,341 B1	07/17/2001	Baszczynski *et al.*			11/17/1998
	AJ6	6,270,969 B1	08/07/2001	Hartley *et al.*			01/20/1999
WS	AK6	6,271,436 B1	08/07/2001	Piedrahita *et al.*			10/10/1997

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
WS	AL7	WO 94/03624 A1	02/17/1994	WIPO			Yes No
	AM7	WO 94/09127	04/28/1994	WIPO			Yes No
	AN7	WO 95/00555	01/05/1995	WIPO			Yes No
	AO7	WO 96/40722	12/19/1996	WIPO			Yes No
WS	AP7	WO 96/40724	12/19/1996	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	81	Astumian, J.H., *et al.*, "Site-Specific Recombination between Cloned *attP* and *attB* Sites from the *Haemophilus influenzae* Bacteriophage HP1 Propagated in Recombination-Deficient *Escherichia coli*," *J. Bacteriol. 171*:1747-1750, American Society for Microbiology (1989).
WS	AS	81	Backman, K., *et al.*, "Use of Synchronous Site-Specific Recombination *In Vivo* to Regulate Gene Expression," *Bio/Technology 2*:1045-1049 (1984).
WS	AT	81	Barnes, G., and Rine, J., "Regulated expression of endonuclease *Eco*RI in *Saccharomyces cerevisiae*: Nuclear entry and biological consequences," *Proc. Natl. Acad. Sci. USA 82*:1354-1358, National Academy of Sciences (1985).

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WS	AA7	6,277,608 B1	08/21/2001	Hartley *et al.*			04/22/1999
	AB7	2002/0007051 A1	01/17/2002	Cheo *et al.*			12/11/2000
	AC7	6,361,972 B1	03/26/2002	Harrington *et al.*			01/10/2000
	AD7	6,365,377	04/02/2002	Patten *et al.*			03/03/2000
	AE7	2002/0068290 A1	06/06/2002	Yarovinsky			05/31/2001
	AF7	6,410,266 B1	06/25/2002	Harrington *et al.*			01/07/2000
	AG7	6,410,317 B1	06/25/2002	Farmer			07/14/2000
	AH7	2002/0094574 A1	07/18/2002	Hartley *et al.*			05/16/2001
	AI7	6,436,707 B1	08/20/2002	Zambrowicz *et al.*			03/25/1999
	AJ7	2002/0172997 A1	11/21/2002	Hartley *et al.*			07/19/2001
WS	AK7	2002/0192819 A1	12/19/2002	Hartley *et al.*			07/19/2001

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
WS	AL8	WO 98/53056	11/26/1998	WIPO			Yes X No
	AM8	WO 99/21977	05/06/1999	WIPO			Yes No
	AN8	WO 99/25851	05/27/1999	WIPO			Yes X No
	AO8	WO 99/55851	11/04/1999	WIPO			Yes No
WS	AP8	WO 00/12687	03/09/2000	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	82	Bauer, C.E., *et al* ., "Extent of Sequence Homology Required for Bacteriophage Lambda Site-specific Recombination," *J. Mol. Biol. 181*:187-197, Academic Press (1985).
WS	AS	82	Bernard, P., *et al.*, "The F Plasmid CcdB Protein Induces Efficient ATP-dependent DNA Cleavage by Gyrase," *J. Mol. Biol. 234*:534-541, Academic Press Limited (1993).
WS	AT	82	Bernard, P., *et al.*, "Positive-selection of vectors using the F plasmid *ccdB* killer gene," *Gene 148*:71-74, Elsevier Science Publishers B. V. (1994).

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WS	AA8	2003/0027337 A1	02/06/2003	Droge *et al.*			02/25/2002
	AB8	2003/0054552 A1	03/20/2003	Hartley *et al.*			01/30/2002
	AC8	2003/0064515 A1	04/03/2003	Hartley *et al.*			01/30/2002
	AD8	2003/0077804 A1	04/24/2003	Byrd *et al.*			04/19/2002
	AE8	2003/0068799 A1	04/10/2003	Hartley *et al.*			06/06/2002
	AF8	2003/0100110 A1	05/29/2003	Hartley *et al.*			11/02/1999
	AG8	2003/0124555 A1	07/03/2003	Brasch *et al.*			05/21/2002
	AH8	2003/0157662 A1	08/21/2003	Gerard *et al.*			11/13/2002
	AI8	2003/0157716 A1	08/21/2003	Hartley *et al.*			11/02/2001
	AJ8	2003/0175970 A1	09/18/2003	Hartley *et al.*			11/21/2002
WS	AK8	2003/0186233 A1	10/02/2003	Chesnut *et al.*			12/07/2001

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WS	AL9	EP 1 035 208	09/13/2000	Europe			Yes No
	AM9	WO 00/60091	10/12/2000	WIPO			Yes No
	AN9	WO 01/05961	01/25/2001	WIPO			Yes No
	AO9	WO 01/07572 A2	02/01/2001	WIPO			Yes No
WS	AP9	WO 01/07572 A3	02/01/2001	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	83	Brent, R., and Ptashne, M., "A bacterial repressor protein or a yeast transcriptional terminator can block upstream activation of a yeast gene," *Nature 312*:612-615, Macmillan Journals Ltd. (1984).
WS	AS	83	Chanock, R.M., *et al.*, "Human Monoclonal Antibody Fab Fragments Cloned from Combinatorial Libraries: Potential Usefulness in Prevention and/or Treatment of Major Human Viral Diseases," *Infect. Agents Dis.* 2:118-131, Raven Press, Ltd. (1993).
WS	AT	83	Cherepanov, P.P. and Wackernagel, W., "Gene disruption in *Escherichia coli*: Tc^R and Km^R cassettes with the option of Flp-catalyzed excision of the antibiotic-resistance determinant," *Gene 158*:9-14, Elsevier Science B.V. (May 1995).

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WS	AL10	WO 01/11058	02/15/2001	WIPO			Yes No
WS	AM10	WO 01/62892	08/30/2001	WIPO			Yes No
WS	AN10	WO 02/05294	01/17/2002	WIPO			Yes No
	AO						Yes No
	AP						Yes No

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WS	AR	84	Choulika, A., *et al.* "Transfer of Single Gene-Containing Long Terminal Repeats into the Genome of Mammalian Cells by a Retroviral Vector Carrying the *cre* Gene and the *loxP* site." *J. Virol. 70*:1792-1798, American Society for Microbiology (1996).
WS	AS	84	Chuang, C.-F., and Meyerowitz, E.M., "Specific and heritable genetic interference by double-stranded RNA in *Arabidopsis thaliana*," *Proc. Natl. Acad. Sci. USA 97*:4985-4990, National Academy of Sciences (2000).
WS	AT	84	CLONTECH, "Creator™ Gene Cloning & Expression System," CLONTECHniques 15:7-11, CLONTECH (April 2000).

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	AN						Yes No
	AO						Yes No
	AP						Yes No

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WS	AR	85	CLONTECH, "New Additions to the Creator™ Platform," *CLONTECHniques 16*:1-4, CLONTECH (January 2001).
WS	AS	85	CLONTECH, "New Creator™ -Compatible Expression Systems," *CLONTECHniques 15*:2 pages, CLONTECH (October 2000).
WS	AT	85	CLONTECH, "Creator™ Acceptor Vector Construction Kit" *CLONTECHniques 16*:2 pages, CLONTECH (October 2001).

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OIPE JAN 13 2004 PATENT & TRADEMARK OFFICE SC177

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	86	CLONTECH, "Creator™ SMART™ Library Construction Kit," *CLONTECHniques 16*:2 pages, CLONTECH (October 2001).
WS	AS	86	CLONTECH, "Creator™: The Universal Platform for Analysis of Gene Function," *PowerPoint Presentation*, pp. 1-9, CLONTECH, (July 24, 2001), *available at* http://www.clontech.com/products/families/creator/popups/s1page1.html.
WS	AT	86	CLONTECH, "Creator™ pDNR-Dual Cloning Kit," *CLONTECHniques 16*:3 pages, CLONTECH (October 2001).

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JAN 13 2004
PATENT & TRADEMARK OFFICE

FORM PTO-1449

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.	APPLICATION NO.
0942.285000M/BJD/JKM	10/680,316
FIRST NAMED INVENTOR	
Hartley, *et al.*	
FILING DATE	ART UNIT
October 8, 2003	1636

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	87	Collis, C.M., and Hall, R.M., "Expression of Antibiotic Resistance Genes in the Integrated Cassettes of Integrons," *Antimicro. Agents & Chemother. 39*:155-162, American Society for Microbiology (January 1995).
WS	AS	87	Cormack, B., "Directed Mutagenesis Using the Polymerase Chain Reaction," in *Current Protocols in Molecular Biology* 1:8.5.1-8.5.10, Ausubel, F.M., *et al.*, eds., John Wiley & Sons, Inc. (1997).
WS	AT	87	Curcio, M.J., and Garfinkel, D.J., "Single-step selection for Ty*1* element retrotransposition," *Proc. Natl. Acad. Sci. USA 88*:936-940 (1991).

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WS	AR	88	Dale, E.C., and Ow, D.W., "Mutations in the Cre/lox recombination site enhance the stability of recombination products: Applications for gene targeting in plants," *J. Cell. Biochem. 16 (Suppl. F)*:206, Abstract No. Y 108, Wiley-Liss, Inc. (1992).
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WS	AR	90	Feinbaum, R., "Vectors Derived from Plasmids," in *Current Protocols in Molecular Biology* 1:1.5.1-1.5.17, Ausubel, F.M., *et al.*, eds., John Wiley & Sons, Inc. (1998).
WS	AS	90	Flores, A., *et al* ., "A protein-protein interaction map of yeast RNA polymerase III," *Proc. Natl. Acad. Sci. USA 96*:7815-7820, National Academy of Sciences (July 1999).
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WS	AR	91	Gage, P.J., *et al.* , "A Cell-Free Recombination System for Site-Specific Integration of Multigenic Shuttle Plasmids into Herpes Simplex Type 1 Genome," *J. Virol. 66*:5509-5515, American Society for Microbiology (1992).
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WS	AR	92	Hall, R.M., and Collis, C.M., "Mobile gene cassettes and integrons: capture and spread of genes by site-specific recombination," *Mol. Microbiol. 15*:593-600, Blackwell Scientific Publications (February 1995).
WS	AS	92	Hancock, R.E.W., and Scott, M.G., "The role of antimicrobial peptides in animal defenses," *Proc. Natl. Acad. Sci. USA 97*:8856-8861, National Academy of Sciences (August 2000).
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WS	AR	93	Hochuli, E., *et al* ., "Genetic Approach to Facilitate Purification of Recombinant Proteins with a Novel Metal Chelate Adsorbent," *Bio/technology 6*:1321-1325, Nature Publishing Co. (November 1988).
WS	AS	93	Iida, S., *et al.* , "A sitè-specific, conservative recombination system carried by bacteriophage P1. Mapping of the recombinase gene *cin* and the crossover sites *cix* for the inversion of the C segment." *EMBO J. 1*:1445-1453, IRL Press Limited (1982).
WS	AT	93	Iino, T., and Kutsukake, K., "*Trans*-acting Genes of Bacteriophages P1 and Mu Mediate Inversion of a Specific DNA Segment Involved in Flagellar Phase Variation of *Salmonella*," *Cold Spring Harbor Symp. Quant. Biol. 45*:11-16, Cold Spring Harbor Laboratory (1981).

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	94	Jayaram, M., "The *Int* family of site-specific recombinases: Some thoughts on a general reaction mechanism," *J. Genet.* 67:29-36, Indian Academy of Sciences (1988).
WS	AS	94	Jeong, J.-H., *et al.*, "Cloning and nucleotide sequencing of the genes, rplU and rpmA, for ribosomal proteins L21 and L27 of Escherichia coli," *DNA Seq.* 4:59-67, Harwood Academic Publishers GmbH (1993).
WS	AT	94	Johnson, R.C., *et al.*, "Isolation of the gene encoding the Hin recombinational enhancer binding protein," *Proc. Natl. Acad. Sci. USA* 85:3484-3488, National Academy of Sciences (1988).

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OIPE 3617
JAN 13 2004
PATENT & TRADEMARK OFFICE

FORM PTO-1449

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 0942.285000M/BJD/JKM	APPLICATION NO. 10/680,316
FIRST NAMED INVENTOR Hartley, *et al.*	
FILING DATE October 8, 2003	ART UNIT 1636

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

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WS	AR	95	Katz, L., *et al.* , "Site-specific recombination in *Escherichia coli* between the *att* sites of plasmid pSE211 from *Saccharopolyspora erythraea*," *Mol. Gen. Genet. 227*:155-159, Springer-Verlag (1991).
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WS	AT	95	Klippel, A., *et al* ., "Isolation and characterization of unusual *gin* mutants," *EMBO J.* 7:3983-3989, IRL Press Ltd. (1988).

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WS	AR	96	Koch, C., *et al* ., "*Escherichia coli* host factor for site-specific DNA inversion: Cloning and characterization of the *fis* gene," *Proc. Natl. Acad. Sci. USA 85*: 4237-4241, National Academy of Sciences (1988).
WS	AS	96	Krafte, D.S., *et al.*, "Stable Expression and Functional Characterization of a Human Cardiac Na^+ Channel Gene in Mammalian Cells," *J. Mol. Cell Cardiol. 27*:823-830, Academic Press Limited (February 1995).
WS	AT	96	Krautwald, S., and Baccarini, M., "Bacterially Expressed Murine CSF-1 Possesses Agonistic Activity in its Monomeric Form," *Biochemical and Biophysical Research Communications 192*:720-727, Academic Press, Inc. (April 30, 1993).

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WS	AR	97	Langeveld, S.A., *et al.*, "Expression of an *Escherichia coli phr* gene in the yeast *Saccharomyces cerevisiae*," *Mol. Gen. Genet. 199*:396-400, Springer-Verlag (1985).
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WS	AR	98	Madison, L.L., and Huisman, G.W., "Metabolic Engineering of Poly(3-Hydroxyalkanoates): From DNA to Plastic," *Microbiol. Mol. Biol. Rev. 63*:21-53, American Society for Microbiology (March 1999).
WS	AS	98	Maemura, K., *et al* ., "Generation of a Dominant-negative Mutant of Endothelial PAS Domain Protein 1 by Deletion of a Potent C-terminal Transactivation Domain," *J. Biol. Chem. 274*:31565-31570, The American Society for Biochemistry and Molecular Biology, Inc. (October 1999).
WS	AT	98	Mahillon, J., *et al.*, "Subdivision of the *Escherichia coli* K-12 genome for sequencing: manipulation and DNA sequence of transposable elements introducing unique restriction sites," *Gene 223*:47-54, Elsevier Science B.V. (November 1998).

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WS	AR	99	Mette, M.F., *et al* ., "Transcriptional silencing and promoter methylation triggered by double-stranded RNA," *EMBO J. 19*:5194-5201, Oxford University Press (October 2000).
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WS	AR	100	Okayama, H., and Berg, P., "Bacteriophage Lambda Vector for Transducing a cDNA Clone Library into Mammalian Cells," *Mol. Cell. Biol.* 5:1136-1142, American Society for Microbiology (1985).
WS	AS	100	Osuna, R., *et al* ., "Identification of two functional regions in Fis: the N-terminus is required to promote Hin-mediated DNA inversion but not λ excision," *The EMBO Journal 10*: 1593-1603, Oxford University Press (1991).
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EXAMINER	DATE CONSIDERED

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OIPE SC177 JAN 13 2004 U.S. PATENT & TRADEMARK OFFICE

FORM PTO-1449

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.	APPLICATION NO.
0942.285000M/BJD/JKM	10/680,316
FIRST NAMED INVENTOR	
Hartley, *et al.*	
FILING DATE	ART UNIT
October 8, 2003	1636

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	101	Perler, F.B., "InBase, the New England Biolabs Intein Database," *Nucl. Acids Res.* 27:346-347, Oxford University Press (January 1999).
WS	AS	101	Persson, M.A.A., "Combinatorial Libraries," *Intern. Rev. Immunol.* 10:153-163, Harwood Academic Publishers GmbH (1993).
WS	AT	101	Qin, M., *et al.*, "Cre recombinase-mediated site-specific recombination between plant chromosomes," *Proc. Natl. Acad. Sci. USA* 91:1706-1710 (1994).

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	FIRST NAMED INVENTOR Hartley, *et al.*	
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	102	Ross, W., and Landy, A., "Patterns of λ Int Recognition in the Regions of Strand Exchange," *Cell* 33:261-272, MIT Press (1983).
WS	AS	102	Sambrook, J., *et al.*, "Expression of Cloned Genes in Cultured Mammalian Cells," in *Molecular Cloning A Laboratory Manual*, Second Edition, Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY, pp. 16.6-16.8 (1989).
WS	AT	102	Sauer, B., *et al.*, "Construction of Isogenic Cell Lines Expressing Human and Rat Angiotensin II AT1 Receptors by Cre-Mediated Site-Specific Recombination," *Methods: A Companion to Methods in Enzymology* 4:143-149 (1992).

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WS	AR	103	Sauer, B., "Expression and Functioning in Yeast of a Bacterial Site Specific Recombination System," *J. Cell. Biochem. Suppl. 10B*:242, Abstract No. I340, Alan R. Liss, Inc., (1986).
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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PTO/SB/08A (10-01)
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WS	AR	106	Stryer, L., *Biochemistry*, Second Edition, W.H. Freeman and Company, New York, pp. 610 (1981).
WS	AS	106	van den Berg, A., *et al.*, "Serial analysis of gene expression: rapid RT-PCR analysis of unknown SAGE tags," *Nucl. Acids Res. 27(e17)*:i-iii, Oxford University Press (September 1999).
WS	AT	106	Venkatesh, T.V., and Redding, C.M., "Ribosomal Protein S1 and NusA Protein Complexed to Recombination Protein λ of Phage λ," *J. Bacteriol. 175*:1844-1846, American Society for Microbiology (1993).

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	107	Vetter, D., *et al*., "Site-specific recombination of yeast 2-μm DNA *in vitro*," *Proc. Natl. Acad. Sci. USA 80*:7284-7288, National Academy of Sciences (1983).
WS	AS	107	Voziyanov, Y., *et al.*, "A general model for site-specific recombination by the integrase family recombinases," *Nucl. Acids Res. 27*:930-941, Oxford University Press (February 1999).
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PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
JAN 13 2004

FORM PTO-1449

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	108	Derwent World Patents Index, WPI Accession No. 1999-000502/199901, Dialog File 351, Unverified English language abstract for PCT Publication No. WO 98/53056 (AL8).
WS	AS	108	Derwent World Patents Index, WPI Accession No. 1999-347485/199929, Dialog File 351, Unverified English language abstract for PCT Publication No. WO 99/25851 (AN8).
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JAN 13 2004
PATENT & TRADEMARK OFFICE

FORM PTO-1449 FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0942.285000M/BJD/JKM	APPLICATION NO. 10/680,316
	APPLICANT Hartley *et al.*	
	FILING DATE October 8, 2003	GROUP 1636

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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	AB4	4,683,195	07/28/1987	Mullis *et al.*			02/07/1986
	AC4	4,683,202	07/28/1987	Mullis			10/25/1985
	AD4	4,965,188	10/23/1990	Mullis *et al.*			06/17/1987
	AE4	5,102,797	04/07/1992	Tucker *et al.*			05/26/1989
	AF4	5,334,375	08/02/1994	Nabi *et al.*			07/16/1992
	AG4	5,334,575	08/02/1994	Neoman *et al.* Duplicate			12/17/1992
	AH4	5,378,618	01/03/1995	Sternberg *et al.*			09/29/1992
	AI4	5,650,557	07/22/1997	Hannah *et al.*			06/07/1995
	AJ4	5,728,551	03/17/1998	Devine *et al.*			03/02/1995
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
WS	AL4	EP 0 220 009 A2	04/29/1987	Europe			Yes No
WS	AM4	WO 91/09957 A1	07/11/1991	WIPO			Yes No
WS	AN4	WO 92/15694 A1	09/17/1992	WIPO			Yes No
WS	AO4	WO 94/18333 A1	08/18/1994	WIPO			Yes No
WS	AP4	WO 96/04393 A2	02/19/1996	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	59	Akagi, K., *et al.*, "Cre-mediated somatic site-specific recombination in mice," *Nucl. Acids Res.* 25:1781-1788, Oxford University Press (May 1997).
WS	AS	59	Aladjem, M.I., *et al.*, "Positive Selection of FLP-Mediated Unequal Sister Chromatid Exchange Products in Mammalian Cells," *Mol. Cell. Biol.* 17:857-861, American Society for Microbiology (February 1997).
WS	AT	59	Angrand, P.-O., *et al.*, "Inducible expression based on regulated recombination: a single vector strategy for stable expression in cultured cells," *Nucl. Acids Res.* *26*:3263-3269, Oxford university Press (July 1998).

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PATENT & TRADEMARK OFFICE

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
WS	AL5	WO 96/30498 A1	10/03/1996	WIPO			Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	60	Ayres, E.K., *et al.*, "Precise Deletions in Large Bacterial Genomes by Vector-mediated Excision (VEX). The *trfA* Gene of Promiscuous Plasmid RK2 is Essential for Replication in Several Gram-negative Hosts," *J. Mol. Biol.* *230*:174-185, Academic Press Limited (1993).
WS	AS	60	Bai, C., *et al.*, "*SKP1* Connects Cell Cycle Regulators to the Ubiquitin Proteolysis Machinery through a Novel Motif, the F-Box," *Cell* *86*:263-274, Cell Press (July 1996).
WS	AT	60	Boshart, M., *et al.*, "A Very Strong Enhancer Is Located Upstram of an Immediate Early Gene of Human Cytomegalovirus," *Cell* *41*:521-530, MIT (1985).

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	AO						Yes No
	AP						Yes No

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WS	AR	61	Bouhassira, E.E., *et al.*, "Transcriptional Behavior of LCR Enhancer Elements Integrated at the Same Chromosomal Locus by Recombinase-Mediated Cassette Exchange," *Blood 90*:3332-3344, The American Society of Hematology (November 1997).
WS	AS	61	Burioni, R., *et al.*, "An improved phage display vector for antibody repertoire cloning by construction of combinatorial libraries," *Res. Virol. 148*:161-164, Insitut Pasteur/Elsevier (March-April 1997).
WS	AT	61	Capone, J.P., *et al.*, "Introduction of UAG, UAA, and UGA Nonsense Mutations at a Specific Site in the *Escherichia coli* Chloramphenicol Acetyltransferase Gene: Use in Measurement of Amber, Ochre, and Opal Suppression in Mammalian Cells," *Mol. Cell. Biol. 6*:3059-3067, American Society for Microbiology (1986).

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WS	AR	62	Chong, S., *et al.*, "Single-column purification of free recombinant proteins using a self-cleavable affinity tag derived from a protein splicing element," *Gene 192*:271-281, Elsevier Science B.V. (June 1997).
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WS	AR	63	Derbyshire, V., and Belfort, M., "Lightning strikes twice: Intron-intein coincidence," *Proc. Natl. Acad. Sci. USA* 95:1356-1357, National Academy of Sciences (February 1998).
WS	AS	63	Dijkema, R., *et al.*, "Cloning and expression of the chromosomal immune interferon gene of the rat," *EMBO J.* 4:761-767, IRL Press Limited (1985).
WS	AT	63	Flanagan, P.M., and Fennewald, M.A., "Analysis of Inhibitors of the Site-specific Recombination Reaction Mediated by Tn3 Resolvase," *J. Mol. Biol.* 206:295-304, Academic Press Limited (1989).

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	64	Gay, P., *et al.*, "Positive Selection Procedure for Entrapment of Insertion Sequence Elements in Gram-Negative Bacteria," *J. Bacteriol.* *164*:918-921, American Society for Microbiology (1985).
WS	AS	64	Gay, P., *et al.*, "Cloning Structural Gene *sacB*, Which Codes for Exoenzyme Levansucrase of *Bacillus subtilis*: Expression of the Gene in *Escherichia coli*," *J. Bacteriol.* *153*:1424-1431, American Society for Microbiology (1983).
WS	AT	64	Gorman, C.M., *et al.*, "The Rous sarcoma virus long terminal repeat is a strong promoter when introduced into a variety of eukaryotic cells by DNA-mediated transfection," *Proc. Natl. Acad. Sci. USA* *79*:6777-6781, National Academy of Sciences (1982).

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FORM PTO-1449 FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0942.285000M/BJD/JKM	APPLICATION NO. 10/680,316
	APPLICANT Hartley et al.	
	FILING DATE October 8, 2003	GROUP 1636

U.S. PATENT DOCUMENTS

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	AM						Yes No
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	65	Green, R., and Noller, H.F., "Ribosomes and Translation," *Ann. Rev. Biochem.* *66*:679-716, Annual Reviews Inc. (July 1997).
WS	AS	65	Grindley, N.D.F., and Kelley, W.S., "Effects of Different Alleles of the *E. coli* K12 *polA* Gene on the Replication of Non-transferring Plasmids," *Molec. Gen. Genet.* *143*:311-318, Springer-Verlag (1976).
WS	AT	65	Gronostajski, R.M., and Sadowski, P.D., "The FLP Protein of the 2-micron Plasmid of Yeast. Inter- and Intramolecular Reactions," *J. Biol. Chem.* *260*:12328-12335, The American Society of Biological Chemists, Inc. (1985).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	66	Haffter, P., and Bickle, T.A., "Enhancer-independent mutants of the Cin recombinase have a relaxed topological specificity," *EMBO J.* 7:3991-3996, IRL Press Limited (1988).
WS	AS	66	Henikoff, S., "Unidirectional digestion with exonuclease III creates targeted breakpoints for DNA sequencing," *Gene 28*:351-359, Elsevier Science (1984).
WS	AT	66	Hoess, R.H., and Abremski, K., "Interaction of the bacteriophage P1 recombinase Cre with the recombining site *loxP*," *Proc. Natl. Acad. Sci. USA 81*:1026-1029, National Academy of Sciences (1984).

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WS	AR	67	Kaniga, K., *et al.*, "A wide-host-range suicide vector for improving reverse genetics in Gram-negative bacteria: inactivation of the *blaA* gene of *Yersinia enterocolitica*," *Gene* 109:137-141, Elsevier Science B.V. (1991).
WS	AS	67	Kealey, J.T., *et al.*, "Production of a polyketide natural product in nonpolyketide-producing prokaryotic and eukaryotic hosts," *Proc. Natl. Acad. Sci. USA* 95:505-509, National Academy of Sciences (January 1998).
WS	AT	67	Kholodenko, B.N., *et al.*, "Metabolic Design: How to Engineer a Living Cell to Desired Metabolite Concentrations and Fluxes," *Biotechnol. Bioeng.* 59:239-247, John Wiley & Sons, Inc. (July 1998).

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WS	AR	68	Kim, D.W., "Use of the human elongation factor 1α promoter as a versatile and efficient expression system," *Gene* 91:217-223, Elsevier Science B.V. (1990).
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WS	AR	69	Lake, J.A., "Evolving Ribosome Structure: Domains in Archaebacteria, Eubacteria, Eocytes and Eukaryotes," *Ann. Rev. Biochem.* 54:507-530, Annual Reviews Inc. (1985).
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WS	AT	69	Leung, L.L.K., "Application of Combinatorial Libraries and Protein Engineering to the Discovery of Novel Anti-Thrombotic Drugs," *Thromb. Haemost.* 74:373-376, F.K. Schattauer Verlagsgesellschaft mbH (July 1995).

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WS	AR	70	Lu, F., and Churchward, G., "Conjugative transposition: Tn*916* intergrase contains two independent DNA binding domains that recognize different DNA sequences," *EMBO J.* 13:1541-1548, Oxford University Press (April 1994).
WS	AS	70	Mackie, G.A., "Nucleotide Sequence of the Gene for Ribosomal Protein S20 and Its Flanking Regions," *J. Biol. Chem.* 256:8177-8182, The American Society for Biological Chemists, Inc. (1981).
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	71	Maniatis, T., *et al.*, "Regulation of Inducible and Tissue-Specific Gene Expression," *Science 236*:1237-1245, American Association for the Advancement of Science (1987).
WS	AS	71	Mendiola, M.V., and de la Cruz, F., "Specificity of insertion of IS91, an insertion sequence present in α-haemolysin plasmids of *Escherichia coli*," *Mol. Microbiol.* 3:979-984, Blackwell Scientific Publications (1989).
WS	AT	71	Mercier, J., *et al.*, "Structural and Functional Characterization of *tnpI*, a Recombinase Locus in Tn*21* and Related β-Lactamase Transposons," *J. Bacteriol.* 172:3745-3757, American Society for Microbiology (1990).

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JAN 13 2004
PATENT & TRADEMARK OFFICE

FORM PTO-1449 FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0942.285000M/BJD/JKM	APPLICATION NO. 10/680,316
	APPLICANT Hartley *et al.*	
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	72	Metcalf, W.W., *et al.*, "Conditionally Replicative and Conjugative Plasmids Carrying *lacZα* for Cloning, Mutagenesis, and Allele Replacement in Bacteria," *Plasmid* 35:1-13, Academic Press, Inc. (January 1996).
WS	AS	72	Meyer-Leon, L., *et al.*, "Purification of the FLP site-specific recombinase by affinity chromatography and re-examination of basic properties of the system," *Nucl. Acids Res.* 15:6469-6488, IRL Press Limited (1987).
WS	AT	72	Mizushima, S., and Nagat, S., "pEF-BOS, a powerful mammalian expression vector," *Nucl. Acids Res.* 18:5322, Oxford University Press (1990).

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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JAN 13 2004
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FORM PTO-1449 FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0942.285000M/BJD/JKM	APPLICATION NO. 10/680,316
	APPLICANT Hartley *et al.*	
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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	73	Nomura, M., *et al.*, "Regulation of the Synthesis of Ribosomes and Ribosomal Components," *Ann. Rev. Biochem.* 53:75-117, Annual Reviews Inc. (1984).
WS	AS	73	Odell, J.T., *et al.*, "Seed-Specific Gene Activation Mediated by the Cre/lox Site Specific Recombination System," *Plant Physiol.* 106:447-458, American Society of Plant Physiologists (October 1994).
WS	AT	73	O'Gara, J.P., *et al.*, "Identification and Molecular Genetic Analysis of Multiple Loci Contributing to High-Level Tellurite Resistance in *Rhodobacter sphaeroides* 2.4.1," *Appl. Environ. Microbiol.* 63:4713-4720, American Society for Microbiology (December 1997).

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WS	AR	74	Pal, S.K., *et al.*, "P1 Plasmid Replication. Role of Initiator Titration in Copy Number Control," *J. Mol. Biol.* *192*:275-285, Academic Press Inc. (1986).
WS	AS	74	Panke, S., *et al.*, "Engineering of Quasi-Natural *Pseudomonas putida* Strains for Toluene Metabolism through and *ortho*-Cleavage Degradation Pathway," *Appl. Environ. Microbiol.* *64*:748-751, American Society for Microbiology (February 1998).
WS	AT	74	Phillips-Jones, M.K., *et al.*, "Context Effects on Misreading and Suppression at UAG Codons in Human Cells," *Mol. Cell. Biol.* *15*:6593-6600, American Society for Microbiology (December 1995).

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FORM PTO-1449

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WS	AR	75	Powell, J., "Enhanced concatemer cloning—a modification to the SAGE (Serial Analysis of Gene Expression) technique," *Nucl. Acids Res. 26*:3445-3446, Oxford University Press (July 1998).
WS	AS	75	Prieto, M.A., *et al.*, "Molecular Characterization of the 4-Hydroxyphenylacetate Catabolic Pathway of *Escherichia coli* W: Engineering a Mobile Aromatic Degradative Cluster," *J. Bacteriol. 178*:111-120, American Society for Microbiology (January 1996).
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WS	AR	76	Sandhu, J.S., "Protein Engineering of Antibodies," *Crit. Rev. Biotechnol.* *12*:437-462, CRC Press, Inc. (1992).
WS	AS	76	Sato, T., *et al.*, "The *cisA* Cistron of *Bacillus subtilis* Sporulation Gene *spoIVC* Encodes a Protein Homologous to a Site-Specific Recombinase," *J. Bacteriol.* *172*:1092-1098, American Society for Microbiology (1990).
WS	AT	76	Schild, D., *et al.*, "Cloning of three human multifunctional *de novo* purine biosynthetic genes by functional complementation of yeast mutations," *Proc. Natl. Acad. Sci. USA* *87*:2916-2920, National Academy of Sciences (1990).

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WS	AR	77	Skraly, F.A., *et al.*, "Construction and Characterization of a 1,3-Propanediol Operon," *Appl. Environ. Microbiol.* *64*:98-105, American Society for Microbiology (January 1998).
WS	AS	77	Stark, W.M., *et al.*, "Site-Specific Recombination by Tn3 Resolvase: Topological Changes in the Forward and Reverse Reactions," *Cell* *58*:779-790, Cell Press (1989).
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WS	AR	78	Stenzel, T.T., *et al.*, "The Integration Host Factor of Escherichia coli Binds to Bent DNA at the Origin of Replication of the Plasmid pSC01," *Cell* 49:709-717, Cell Press (1987).
WS	AS	78	Sugiura, S., *et al.*, "Minimal Essential Origin of Plasmid pSC101 Replication: Requirement of a Region Downstream of Iterons," *J. Bacteriol.* 175:5993-6001, American Society for Microbiology (1993).
WS	AT	78	Uetsuki, T., *et al.*, "Isolation and Characterization of the Human Chromosomal Gene for Polypeptide Chain Elongation Factor-1α," *J. Biol. Chem.* 264:5791-5798, The American Society for Biochemistry and Molecular Biology, Inc. (1989).

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JAN 13 2004
PATENT & TRADEMARK OFFICE

FORM PTO-1449 FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0942.285000M/BJD/JKM	APPLICATION NO. 10/680,316
	APPLICANT Hartley *et al.*	
	FILING DATE October 8, 2003	GROUP 1636

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	79	Voss, S.D., *et al.*, "The role of enhancers in the regulation of cell-type-specific transcriptional control," *Trends Biochem. Sci.* 11:287-289, Elsevier Science (1986).
WS	AS	79	Wittmann, H.G., *et al.*, "Components of Bacterial Ribosomes," *Ann. Rev. Biochem.* 51:155-183, Annual Reviews Inc. (1982).
WS	AT	79	Wittmann, H.G., *et al.*, "Architecture of Prokaryotic Ribosomes," *Ann. Rev. Biochem.* 52:35-65, Annual Reviews Inc. (1983).

EXAMINER	DATE CONSIDERED

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JAN 13 2004
PATENT & TRADEMARK OFFICE

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	80	Yoon, H., *et al.*, "*SSL1*, a suppressor of a *HIS4* 5'-UTR stem-loop mutation, is essential for translation initiation and affects UV resistance in yeast," *Genes Dev.* 6:2463-2477, Cold Spring Harbor Laboratory Press (1992).
	AS		
	AT		

EXAMINER Walter Schlapkohl 2006.07.13 11:04:53 -04'00' | DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

FIFTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

OIPE
JUN 23 2006
PATENT & TRADEMARK OFFICE

ATTY. DOCKET NO.	APPLICATION NO.
0942.285000M/BJD/JKM	10/680,316
APPLICANT(S)	
Hartley *et al.*	
FILING DATE	ART UNIT
October 8, 2003	1636

U.S. PATENT DOCUMENTS

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	115	Ball, C.A., and Johnson, R.C., "Efficient Excision of Phage λ from the *Escherichia coli* Chromosome Requires the Fis Protein," *J. Bacteriol. 173*: 4027-4031, American Society for Microbiology (1991)
WS	AS	115	Bruckner, R.C., and Cox, M.M., "The Histone-like H Protein of *Escherichia coli* is a ribosomal protein s3," *Nucl. Acids Res. 17*:3145-3161, Oxford University Press (1989)
WS	AT	115	Hartley, J.L., *et al.*, "DNA Cloning Using In Vitro Site-Specific Recombination," *Genome Res. 10*:1788-1795, Cold Spring Harbor Laboratory Press (November 2000)

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WS	AR	116	Heyman, J.A., *et al.*, "Genome-Scale Cloning and Expression of Individual Open Reading Frames Using Topoisomerase I-Mediated Ligation," *Genome Res. 9*:383-392, Cold Spring Harbor Laboratory Press (April 1999)
WS	AS	116	Invitrogen Online Catalog, "The Echo™ Cloning System: The Future of Cloning is Here," available at: http://web.archive.org/web/20010112191100/www.invitrogen.com/catalog_project/cat_echo.html (accessed July 7, 2004)
WS	AT	116	Invitrogen Online Catalog, "The Echo™ Cloning System: The Future of Cloning is Here," available at: http://invitrogen.com/content.cfm?pageid=3371&cfid=16767784&cftoken=62396683 (accessed July 7, 2004)

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WS	AR	117	Ohara, O., and Temple, G., "Directional cDNA library construction assisted by the *in vitro* recombination reaction," *Nucl. Acids Research 29*:e22(1-8), Oxford University Press (February 2001)
WS	AS	117	Russell, M., "A recombination-based cloning system that decreases time to protein analysis," *Am. Biotechnol. Lab. 18*:8,10, International Scientific Communications, Inc. (June 2000)
WS	AT	117	Sinclair, B., "Honing Your Cloning," *The Scientist 14*:29-32, The Scientist Inc. (August 21, 2000) available at: http://www.the-scientist.com/yr2000/aug/profile1_000821.html

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	118	Office Action for U.S. Patent Application No. 09/907,719, mailed on July 13, 2004
WS	AS	118	Office Action for U.S. Patent Application No. 09/432,085, mailed on July 16, 2004
WS	AT	118	Office Action for U.S. Patent Application No. 10/058,291, mailed on September 22, 2004

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	AP						Yes No

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WS	AR	119	Office Action for U.S. Patent Application No. 10/058,292, mailed on September 22, 2004
WS	AS	119	Office Action for U.S. Patent Application No. 09/855,797, mailed on October 1, 2004
WS	AT	119	Office Action for U.S. Patent Application No. 09/695,065, mailed on October 27, 2004

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	120	Office Action for U.S. Patent Application No. 10/820,133 mailed on November 17, 2004
WS	AS	120	Office Action for U.S. Patent Application No. 09/907,719 mailed on December 28, 2004
WS	AT	120	Office Action for U.S. Patent Application No. 09/432,085, mailed on December 28, 2004

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	121	Office Action for U.S. Patent Application No. 10/796,868, mailed on January 25, 2005
WS	AS	121	U.S. Patent Application No. 10/633,690, Byrd *et al.*, ~~filed~~ August 5, 2003 (NOT PUBLISHED) No copy

EXAMINER Walter Schlapkohl 2006.07.14 13:56:30 -04'00' DATE CONSIDERED

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FORM PTO-1449

SIXTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.	APPLICATION NO.
0942.285000M/RAD/JKM	10/680,316
APPLICANT(S)	
Hartley *et al.*	
FILING DATE	ART UNIT
October 8, 2003	1636

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
WS	AA20	4,808,537	02/28/1989	Stroman *et al.*			10/30/1984
	AB20	4,855,231	08/08/1989	Stroman *et al.*			09/25/1985
	AC20	4,959,217	09/25/1990	Sanders *et al.*			05/22/1986
	AD20	5,451,513	09/19/1995	Maliga *et al.*			08/25/1993
	AE20	5,654,182	08/05/1997	Wahl *et al.*			06/07/1995
	AF20	6,066,778	05/23/2000	Ginsburg *et al.*			11/06/1996
	AG20	2002/0106797	08/08/2002	Miles *et al.*			03/12/2001
	AH20	2002/0182731	12/05/2002	Ji *et al.*			01/25/2002
	AI20	2003/0027289	02/06/2003	Farmer			04/05/2002
	AJ20	2003/0054555	03/20/2003	Farmer *et al.*			09/17/2002
WS	AK20	2003/0059900	03/27/2003	Farmer			01/17/2002

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
WS	AL20	FR 2 670 502	06/19/1992	France			Yes No Relevance not provided
	AM20	WO 92/10577	06/25/1992	WIPO			Yes No X
	AN20	WO 94/20604	09/15/1994	WIPO			Yes No
	AO20	WO 96/19497	06/27/1996	WIPO			Yes No
WS	AP20	WO 00/29000	05/25/2000	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	200	Agah, R., *et al.*, "Gene Recombination in Postmitotic Cells. Targeted Expression of Cre Recombinase Provokes Cardiac-restricted, Site-specific Rearrangement in Adult Ventricular Muscle In Vivo," *J. Clin. Invest. 100*:169-179, The American Society for Clinical Investigation, Inc. (July 1997)
WS	AS	200	Benoist, C. and Chambon, P., "*In vivo* sequence requirements of the SV40 early promoter region," *Nature 290*:304-310, Macmillan Journals, Ltd. (1981)
WS	AT	200	Botstein, D., *et al.*, "Making Mutations In Vitro and Putting Them Back Into Yeast," in *From Gene to Protein: Translation into Biotechnology*, Ahmad, F., *et al.*, eds., Academic Press, New York, NY, pp. 265-274 (1982)

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WS	AA21	2003/0153055	08/14/2003	Miles *et al.*			02/20/2003
	AB21	2003/0176644	09/18/2003	Byrd *et al.*			02/07/2002
	AC21	2003/0220249	11/27/2003	Hackett *et al.*			02/07/2003
	AD21	2004/0040053	02/26/2004	Nomura *et al.*			11/22/2002
	AE21	2004/0053412	03/18/2004	Hartley *et al.*			03/26/2003
	AF21	2004/0063207	04/01/2004	Hartley *et al.*			10/08/2003
	AG21	6,720,140	04/13/2004	Hartley *et al.*			02/04/2000
	AH21	2004/0171156	09/02/2004	Hartley *et al.*			04/02/2004
	AI21	2004/0171157	09/02/2004	Hartley *et al.*			04/08/2004
	AJ21	2004/0219516	11/04/2004	Bennett *et al.*			07/18/2003
WS	AK21	2004/0219673	11/04/2004	Hartley *et al.*			03/10/2004

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
WS	AL21	WO 00/52027	09/08/2000	WIPO			Yes No
	AM21	WO 00/52141	09/08/2000	WIPO			Yes No
	AN21	WO 01/25466	04/12/2001	WIPO			Yes No
	AO21	WO 01/31039	05/03/2001	WIPO			Yes No
WS	AP21	WO 01/42509	06/14/2001	WIPO			Yes No

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WS	AR	201	Broach, J.R., "The Yeast Plasmid 2μ Circle," *Cell 28*:203-204, MIT (1982)
WS	AS	201	Cenatiempo, Y., "Prokaryotic gene expression *in vitro*: transcription-translation coupled systems," *Biochimie 68*:505-515, Elsevjer (1986)
WS	AT	201	Christiansen, B., *et al.*, "A Resolvase-Like Protein Is Required for the Site-Specific Integration of the Temperate Lactococcal Bacteriophage TP901-1," *J. Bacteriol. 178*:5164-5173, American Society for Microbiology (September 1996)

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WS	AA22	2004/0229229	11/18/2004	Cheo *et al.*			08/14/2003
	AB22	2004/0253631	12/16/2004	Hartley *et al.*			07/19/2004
	AC22	2004/0265863	12/30/2004	Chesnut *et al.*			03/04/2004
WS	AD22	2005/0009091	01/13/2005	Hartley *et al.*			08/19/2004
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WS	AL22	WO 02/00875	01/03/2002	WIPO			Yes No
	AM22	WO 02/08391	01/31/2002	WIPO			Yes No
	AN22	WO 02/16594	02/28/2002	WIPO			Yes No
	AO22	WO 02/46372	06/13/2002	WIPO			Yes No
WS	AP22	WO 02/061034	08/08/2002	WIPO			Yes No

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WS	AR	202	Crellin, P.K. and Rood, J.I., "The Resolvase/Invertase Domain of the Site-Specific Recombinase TnpX Is Functional and Recognizes a Target Sequence That Resembles the Junction of the Circular Form of the *Clostridium perfringens* Transposon Tn*4451*," *J. Bacteriol. 179*:5148-5156, American Society for Microbiology (August 1997)
WS	AS	202	Ferrin, L.J. and Camerini-Otero, R.D., "Sequence-specific ligation of DNA using RecA protein," *Proc. Natl. Acad. Sci. USA 95*:2152-2157, National Academy of Sciences (March 1998)
WS	AT	202	Golic, K.G. and Golic, M.M., "Engineering the Drosophilia Genome: Chromosome Rearrangements by Design," *Genetics 144*:1693-1711, The Genetics Society of America (December 1996)

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WS	AL23	WO 02/62957	08/15/2002	WIPO			Yes No
	AM23	WO 02/86144	10/31/2002	WIPO			Yes No
	AN23	WO 02/095055	11/28/2002	WIPO			Yes No
	AO23	WO 03/025161	03/27/2003	WIPO			Yes No
WS	AP23	WO 03/044207	05/30/2003	WIPO			Yes No

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WS	AR	203	Gottesman, S., "Bacterial Regulation: Global Regulatory Networks," *Ann. Rev. Genet.* *18*:415-441, Annual Reviews, Inc. (1984)
WS	AS	203	Guo, F., *et al.*, "Structure of Cre recombinase complexed with DNA in a site-specific recombination synapse," *Nature 389*:40-46, Nature Publishing Group (September 1997)
WS	AT	203	Hallet, B. and Sherratt, D.J., "Transposition and site-specific recombination: adapting DNA cut-and-paste mechanisms to a variety of genetic rearrangements," *FEMS Microbiol. Rev.* *21*:157-178, Elsevier Science B.V. (September 1997)

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WS	AL24	WO 03/103600	12/18/2003	WIPO			Yes No
WS	AM24	WO 04/009768	01/29/2004	WIPO			Yes No
WS	AN24	WO 04/013290	02/12/2004	WIPO			Yes No
	AO						Yes No
	AP						Yes No

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WS	AR	204	Hamer, D.H. and Walling, M., "Regulation *In Vivo* of a Cloned Mammalian Gene: Cadmium Induces the Transcription of a Mouse Metallothionein Gene in SV40 Vectors," *J. Mol. Appl. Genet. 1*:273-288, Raven Press (1982)
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WS	AT	204	Huang, L-C., *et al.*, "Convenient and Reversible Site-Specific Targeting of Exogenous DNA into a Bacterial Chromosome by Use of the FLP Recombinase: the FLIRT System," *J. Bacteriol. 179*:6076-6083, American Society for Microbiology (October 1997)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

SIXTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.	APPLICATION NO.
0942.285000M/BJD/JKM	10/680,316
APPLICANT(S)	
Hartley *et al.*	
FILING DATE	ART UNIT
October 8, 2003	1636

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	205	John, Jr., J.F. and Twitty, J.A., "Plasmids as Epidemiologic Markers in Nosocomial Gram-Negative Bacilli: Experience at a University and Review of the Literature," *Rev. Infect. Dis.* 8:693-704, University of Chicago (1986)
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FORM PTO-1449 SIXTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0942.285000M/BJD/JKM	APPLICATION NO. 10/680,316
	APPLICANT(S) Hartley *et al.*	
	FILING DATE October 8, 2003	ART UNIT 1636

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	206	Lyznik, L.A., *et al.*, "Activity of yeast FLP recombinase in maize and rice protoplasts," *Nucleic Acids Res. 21*:969-975, Oxford University Press (1993)
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WS	AT	206	Mayer, B.J. and Baltimore, D., "Signalling through SH2 and SH3 domains," *Trends Cell Biol. 3*:8-13, Elsevier Science (1993)

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	207	McKnight, S.L., "Functional Relationships between Transcriptional Control Signals of the Thymidine Kinase Gene of Herpes Simplex Virus," *Cell 31*:355-365, MIT (1982)
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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	208	Peterson, B.Ø. and Shuman, S., "Histidine 265 Is Important for Covalent Catalysis by Vaccinia Topoisomerase and Is Conserved in All Eukaryotic Type I Enzymes," *J. Biol. Chem. 272*:3891-3896, The American Society for Biochemistry and Molecular Biology, Inc. (February 1997)
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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	209	Sauer, B. and Henderson, N., "Targeted Insertion of Exogenous DNA into the Eukaryotic Genome by the Cre Recombinase," *New Biol. 2*:441-449, Saunders Scientific Publications/W.B. Saunders Company (1990)
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	210	Shirai, M., *et al.*, "Site-Specific Integration of the Actinophage R4 Genome into the Chromosome of *Streptomyces parvulus* upon Lysogenization," *J. Bacteriol. 173*:4237-4239, American Society for Microbiology (1991)
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	211	Shuman, S., "Erratum: Site-specific Interaction of Vaccinia Virus Topoisomerase I with Duplex DNA. Minimal DNA Substrate for Strand Cleavage *In Vitro*," *J. Biol. Chem.* *266*:20576-20577, The American Society for Biochemistry and Molecular Biology, Inc. (1991)
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WS	AT	211	Stark, W.M., *et al.*, "Catalysis by site-specific recombinases," *Trends Genet. 8*:432-439, Elsevier Science (1992)

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	AM						Yes No
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WS	AR	212	Ulmanen, I., *et al.*, "Transcription and Translation of Foreign Genes in *Bacillus subtilis* by the Aid of a Secretion Vector," *J. Bacteriol. 162*:176-182, American Society for Microbiology (1985)
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FORM PTO-1449 SIXTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0942.285000M/BJD/JKM	APPLICATION NO. 10/680,316
	APPLICANT(S) Hartley *et al.*	
	FILING DATE October 8, 2003	ART UNIT 1636

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WS	AR	213	Invitrogen Life Technologies online catalog, "Directional TOPO Entry Vectors," 4 pages, accessed September 27, 2002, available at: http://www.invitrogen.com/content.cfm?pageid=3799&cfid=2897960&cftoken=88086554
WS	AS	213	Dialog File 351, Derwent World Patent Index, English Language Abstract for French Patent No. FR 2 670 502 (Document AL20) and PCT Patent No. WO 92/10577 (Document AM20), WPI Accession No. 9107201
	AT		

EXAMINER Walter Schlapkohl 2006.07.14 14:01:59 -04'00' DATE CONSIDERED

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FORM PTO-1449

SEVENTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.	APPLICATION NO.
0942.285000M/B[illegible]/JKM	10/680,316
APPLICANT(S)	
Hartley *et al.*	
FILING DATE	ART UNIT
October 8, 2003	1636

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
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WS	AE22	6,040,138	03/21/2000	Lockhart *et al.*			09/15/1995
	AF22	6,303,301	10/16/2001	Mack			05/29/1998
	AG22	6,309,822	10/30/2001	Fodor *et al.*			12/23/1996
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
WS	AO24	WO 01/68836	09/20/2001	WIPO			Yes No
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WS	AT	213	Baum, J.A., "Tn*5401*, a New Class II Transposable Element From *Bacillus thuringiensis*," *J. Bacteriol. 176*:2835-2845, American Society for Microbiology (May 1994)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

SEVENTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.	APPLICATION NO.
0942.285000M/BJD/JKM	10/680,316
APPLICANT(S)	
Hartley *et al.*	
FILING DATE	ART UNIT
October 8, 2003	1636

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
WS	AA23	2003/0175772	09/18/2003	Wang			12/26/2002
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER Walter Schlapkohl 2006.07.14 16:49:31 -04'00' DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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JUN 23 2006
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EIGHTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/680,316
Filing Date	October 8, 2003
First Named Inventor	James L. HARTLEY
Art Unit	1636
Examiner Name	Schlapkohl, W.
Attorney Docket Number	0942.285000M/BJD/JKM

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
WS	AB23	5,695,971	12/09/1997	Kadokami *et al.*	
	AC23	5,910,438	06/08/1999	Bernard *et al.*	
	AD23	5,994,136	11/30/1999	Naldini *et al.*	
	AE23	6,025,192	02/15/2000	Beach *et al.*	
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Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3] Number[4] Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
WS	AP24	WO 96/23904 A1	08/08/1996	Replicon, Inc.		
	AL25	WO 97/47758 A1	12/18/1997	Massachusetts Institute of Technology		
	AM25	WO 98/38326 A1	09/03/1998	Nature Technology Corporation		
	AN25	WO 2005/012487 A2	02/10/2005	Invitrogen Corporation		
WS	AO25	WO 2005/014796 A2	02/17/2005	Invitrogen Corporation		

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Examiner Signature		Date Considered	

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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PTO/SB/08B (07-05)
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(Use as many sheets as necessary)

Sheet 1 of 3

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First Named Inventor	James L. HARTLEY
Art Unit	1636
Examiner Name	Schlapkohl, W.
Attorney Docket Number	0942.285000M/BJD/JKM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T[2]
WS	AS214	Alonso, J.C., "Site-specific recombination in Gram-positive theta-replicating plasmids," *FEMS Microbiol. Lett. 142*:1-10, Elsevier Science B.V. (August 1996)	
	AT214	Amin, A.A., *et al.*, "Synthesis of an Enzymatically Active FLP Recombinase In Vitro: Search for a DNA-Binding Domain," *Molec. Cell. Biol. 9*: 1987-1995, American Society for Microbiology (1989)	
	AR215	Bliska, J.B and Cozzarelli, N.R., "Use of Site-Specific Recombination as a Probe of DNA Structure and Metabolism *in Vivo*," *J. Molec. Biol. 194*:205-218, Academic Press Inc. (1987)	
	AS215	Chatterjee, P.K. and Sternberg, N.L., "Retrofitting High Molecular Weight DNA Cloned in P1: Introduction of Reporter Genes, Markers Selectable in Mammalian Cells and Generation of Nested Deletions," *Genet. Anal.: Biomolec. Eng. 13*:33-42, Elsevier Science B.V. (July 1996)	
	AT215	Huang, L.-C., *et al.*, "A bacterial model system for chromosomal targeting," *Nucl. Acids Res. 19*:443-448, Oxford University Press (1991)	
	AR216	Kanegae, Y., *et al.*, "Efficient gene activation in mammalian cells by using recombinant adenovirus expressing site-specific Cre recombinase," *Nucl. Acids Res. 23*:3816-3821, Oxford University Press (October 1995)	
	AS216	Lieber, A., *et al.*, "Recombinant Adenoviruses with Large Deletions Generated by Cre-Mediated Excision Exhibit Different Biological Properties Compared with First-Generation Vectors In Vitro and In Vivo," *J. Virol. 70*:8944-8960, American Society for Microbiology (December 1996)	
	AT216	Liu, X. and Gorovsky, M.A., "Mapping the 5' and 3' Ends of *Tetrahymena thermophelia* mRNAs Using RNA Ligase Mediated Amplification of cDNA Ends (RLM-RACE)," *Nucl. Acids Res. 21*:4954-4960, Oxford University Press (1993)	
	AR217	Wang, Y. *et al.*, "Targeted DNA recombination in vivo using an adenovirus carrying the cre recombinase gene," *Proc. Natl. Acad. Sci. USA 93*:3932-3936, National Academy of Sciences (April 1996)	
WS	AS217	Copy of Office Action for United States Patent Application No. 09/432,085, Hartley *et al.*, mailed June 16, 2005	

Examiner Signature		Date Considered	

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Substitute for form 1449/PTO				*Complete if Known*	
EIGHTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*				Application Number	10/680,316
				Filing Date	October 8, 2003
				First Named Inventor	James L. HARTLEY
				Art Unit	1636
				Examiner Name	Schlapkohl, W.
Sheet	2	of	3	Attorney Docket Number	0942.285000M/BJD/JKM

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T[2]
WS	AT217	Copy of Office Action for United States Patent Application No. 09/517,466, Hartley *et al.*, mailed November 18, 2005	
	AR218	Copy of Office Action for United States Patent Application No. 09/855,797, Hartley *et al.*, mailed April 20, 2005	
	AS218	Copy of Office Action for United States Patent Application No. 09/855,797, Hartley *et al.*, mailed October 11, 2005	
	AT218	Copy of Office Action for United States Patent Application No. 09/907,719, Hartley *et al.*, mailed July 26, 2005	
	AR219	Copy of Office Action for United States Patent Application No. 10/058,291, Hartley *et al.*, mailed April 28, 2005	
	AS219	Copy of Office Action for United States Patent Application No. 10/058,291, Hartley *et al.*, mailed October 21, 2005	
	AT219	Copy of Office Action for United States Patent Application No. 10/058,292, Hartley *et al.*, mailed May 26, 2005	
	AR220	Copy of Office Action for United States Patent Application No. 10/058,292, Hartley *et al.*, mailed November 18, 2005	
	AS220	Copy of Office Action for United States Patent Application No. 10/151,690, Brasch *et al.*, mailed April 18, 2005	
WS	AT220	Copy of Office Action for United States Patent Application No. 10/162,879, Hartley *et al.*, mailed April 28, 2005	

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EIGHTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 3 of 3

Complete if Known	
Application Number	10/680,316
Filing Date	October 8, 2003
First Named Inventor	James L. HARTLEY
Art Unit	1636
Examiner Name	Schlapkohl, W.
Attorney Docket Number	0942.285000M/BJD/JKM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T[2]
WS	AR221	Copy of Office Action for United States Patent Application No. 10/162,879, Hartley *et al.*, mailed October 20, 2005	
	AS221	United States Patent Application No. 11/106,715, Byrd *et al.*, filed April 15, 2005	
	AT221	United States Patent Application No. 11/249,274, Hartley *et al.*, filed October 14, 2005	
	AR222	United States Patent Application No. 11/251,821, Brasch *et al.*, filed October 18, 2005	
WS	AS222	United States Patent Application No. 11/290,804, Gray *et al.*, filed December 1, 2005	

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